- CLEC's will be permitted to connect their conduit or duct only at the point of a BellSouth manhole. Attachment by entering or breaking into conduit between manholes will not be permitted. CLEC's must obtain written approval from BellSouth prior to modifications or core boring to BellSouth manhole(s).

- BellSouth will remove any retired cable from conduit systems to allow for the efficient use of conduit space within a reasonable period of time at the CLEC's expense. BellSouth permits CLEC's to arrange for such work directly with a BellSouth certified contractor provided authorization for such work has been obtained in advance from BellSouth.

- CLEC will establish procedures and practices to ensure compliance with Occupational Safety and Health Act (OSHA) and with Environmental Laws and Regulations.

- Facilities placed in BellSouth's conduit system must not be in violation of FCC regulations and must serve a lawful purpose.

- The execution of BellSouth's Pole, Conduit, and Right-of-Way Agreement with a CLEC shall not be construed as limiting or interfering with BellSouth's rights to manage its own facilities or with the CLEC's rights to manage its own facilities

D. Operational Support Systems Requirements

There are currently no additional mechanized support system requirements for this offering.

III. Performance Standards and Reliability

This section does not apply for this service offering

IV. Ordering, Administrative, Maintenance, and Provisioning (OAM&P)

A. Intervals for Installation

Standard installation intervals are currently under development. Until these intervals are generally available to all requesting parties, intervals will be negotiated on a per request basis. BellSouth will use its best efforts to meet customer requested dates.

B. Work Centers Affected

Outside Plant Engineering
Outside Plant Construction

C. Ordering Standards

Application Process

To apply for a license the CLEC must submit to BellSouth two signed copies of an Application and Conduit Occupancy License form or an Application and Pole Attachment License form. BellSouth will process license applications in the order in which they are received; provided, however, that when CLEC has multiple applications on file with BellSouth, the CLEC may designate its desired priority of completion of pre-license surveys and make-ready work with respect to all such applications.

Each application for a license must specify the proposed route of the CLEC's facilities and identify the conduits and ducts or poles and pole facilities along the proposed route in which CLEC desires to place or attach its facilities, and describe the physical size, weight and jacket material of the cable which CLEC desires to place in each conduit or duct or the number and type of cables, apparatus enclosures and other facilities which CLEC desires to attach to each pole.

Each application for a license must be accompanied by a proposed (or estimated) construction schedule containing the information specified below in 10.1 of this Agreement, and an indication of whether CLEC will, at its option, perform its own make ready work.

Pre-license Survey

After a CLEC has submitted its written application for a license, a pre-license survey (including a field inspection) will be performed by either BellSouth or the CLEC, in the company of a representative of the other party as mutually agreed, to determine whether BellSouth's poles, anchors and anchor/guy strands, or conduit

system, in their present condition, can accommodate CLEC's facilities. The purpose of the pre-license survey is to determine whether CLEC's proposed attachments to BellSouth's poles or occupancy of BellSouth's conduit and ducts will substantially interfere with use of BellSouth's facilities by BellSouth and others with facilities occupying, connected or attached to BellSouth's pole or conduit system; and to provide information to CLEC for its determination of whether the pole, anchor, anchor/guy strand, conduit, duct, or right-of-way is suitable for its use. If the CLEC gives its prior written consent in writing, the determination of duct availability may include the "rodding" of ducts at CLEC's expense.

Based on information provided by BellSouth, the CLEC will determine whether BellSouth's pole, anchor, anchor/guy strand, conduit and duct facilities are suitable to meet CLEC's needs.

Administrative Processing

The administrative processing portion of the pre-license survey (which includes processing the application, preparing make-ready work orders, notifying joint users and other persons and entities of work requirements and schedules, coordinating the relocation/rearrangement of BellSouth and/or other licensed facilities) will be performed by BellSouth at the CLEC's expense. Anything to the contrary herein notwithstanding, BellSouth will bear no responsibility for the relocation, rearrangement or removal of facilities used for the transmission or distribution of electric power.

D. Maintenance Standards

Routine Maintenance of CLEC's Facilities

Each license granted authorizes a CLEC to engage in routine maintenance of their facilities located on or in BellSouth's poles, conduits, ducts and ROW pursuant to such license. The CLEC must give reasonable notice to the affected public authority or private landowner as appropriate before commencing the construction or installation of its attachments or making any material alterations thereto. CLECs must give reasonable notice to BellSouth before performing any work, whether or not of a routine nature, in BellSouth's conduit system.

CLEC Responsibility for Maintenance of CLEC's Facilities

A CLEC will maintain its facilities in accordance with the provisions of their Agreement and all licenses issued by BellSouth. CLECs will be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the maintenance of their facilities and for directing the activities of all persons acting on their behalf

while they are physically present on BellSouth's poles, within BellSouth's conduit system or in the immediate vicinity of such poles or conduit system.

BellSouth Not Responsible for Maintaining CLEC's Facilities

BellSouth has no obligation to maintain any facilities which a CLEC has attached or connected to, or placed in, BellSouth's poles, conduits, ducts or any portion of BellSouth's conduit system, except to the extent expressly provided by the provisions of the Agreement or any license issued by BellSouth, or by the Telecommunications Act of 1996 or other applicable laws, rules or regulations.

Information Concerning the Maintenance of CLEC's Facilities

Promptly after the issuance of a license permitting CLEC to attach facilities to, or place facilities in BellSouth's poles, conduits or ducts, CLEC must provide BellSouth with the name, title, business address, and business telephone number of the manager responsible for routine maintenance of the CLEC's facilities, and must thereafter notify BellSouth of changes to such information. The manager responsible for routine maintenance of CLEC's facilities must, on BellSouth's request, identify any contractor, subcontractor, or other person performing maintenance activities on CLEC's behalf at a specified site and must, on BellSouth's request, provide such additional documentation relating to the maintenance of their facilities as reasonably necessary to demonstrate that the CLEC and all persons acting on CLEC's behalf are complying with the requirements of the Agreement and licenses issued by BellSouth for the CLEC's access to poles, conduit and rights of way.

E. Billing and Special Arrangements

Billing will occur on an annual basis. Attachments or occupancy for time periods of less than that one year will be pro-rated on the rendered bill. Rates for all elements will be adjusted annually, or per specific contract terms.

F. Internal Training Requirements

No training requirements. Business as usual.

G. Staff Support Requirements

Department	Job Grade	Percentage
OSPE - HQ	58	.75

Additional staff support requirements have not been determined at this time due to uncertainty of volume of requests. Current staffing levels will be used until the impact of the request volume can be determined. Field engineers will perform re-license survey.

TAB 6

BELLSOUTH TELECOMMUNICATIONS

INTERDEPARTMENTAL SERVICE DESCRIPTION

UNBUNDLED VOICE LOOPS, UNBUNDLED DIGITAL LOOPS, UNBUNDLED LOOP CONCENTRATION, NID-TO-NID

PRODUCT MANAGER -- JERRY LATHAM

205/977-1070

PROJECT MANAGER -- THAD JUNE

404/529-0583

NETWORK TEAM LEADER -- ENO LANDRY

205/977-0554

MARCH 29, 1997

INTERDEPARTMENTAL SERVICE DESCRIPTION

UNBUNDLED VOICE LOOPS, UNBUNDLED DIGITAL LOOPS, UNBUNDLED LOOP CONCENTRATION, NID-TO-NID

FORWARD

Recent regulatory orders from the FCC and State Commissions have driven to the unbundling of the BellSouth network. The local loop has been the particular responsibility of the Unbundled Loop Project Team. Voice and digital loops have been addressed, including ISDN. Unbundled loops for enhanced electronics, such as ADSL and HDSL have been covered at the request of the Florida Commission (MFS Arbitration Case Docket 960757-TP). Loop Concentration and Network Interface Devices are covered here also.

Methods and procedures for ordering, billing, provisioning, maintaining, and repairing these unbundled network elements are our responsibility. The Team also practices a very hands on approach to supporting customers through support for their Field counterparts. Since the development of these services and the associated M&Ps is a fast paced work in progress, you may have questions or concerns. For your convenience, a complete list of subject matter experts is located in the last section of this document. You may also feel free to contact the Product Manager, Jerry Latham or the Project Manager, Thad June.

TECHNICAL SERVICE DESCRIPTIONS

TSD – UNBUNDLED VOICE LOOPS (UVL)

I. Market Service Description

A. Basic Service Features

The voice grade UVL is a dedicated analog transmission facility from BST's main distribution frame (MDF) to a customer's premises. This facility will allow an end user to send and receive normal voice telecommunications traffic when it is connected to a dial-tone providing switch. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the loop to the customer's inside wire. The UVLs can be configured as 2-wire (2W) or 4-wire (4W) facilities.

These loops will be offered with two optional levels of service relative to provisioning, testing, maintenance and repair. These service levels are detailed in the Performance Standards and Reliability section below.

In cases where an existing BST end user's loop is provisioned via an Integrated Digital Loop Carrier (IDLC) system, BST will attempt to roll the circuit off of the IDLC onto an alternate facility such as parallel copper, a universal DLC, etc.. The cost of this rollover will be calculated into the price of the UVLs. It is estimated that this type of rollover will occur on 5% of the UVL orders. BST will notify the OLEC within 48 hours if no alternate facility exists.If the OLEC still requires a UVL from BST, BST will utilize its existing Special Construction process to install the facilities needed to provide UVLs to the OLEC. It is estimated that this process will need to be utilized on 15% of the UVL orders.[1]

B. Basic Service Capabilities

It is expected that the UVLs will primarily be terminated (at the central office) in one of three ways:

1. They will be delivered to the OLEC at their collocation space via a cross-connect. This cross-connect element will be provisioned out of the Collocation offering. Once this connect is made, the OLEC will provide transport to take the circuit back to their switch to provide the dial-tone, etc., needed to provide the desired service to their end user. BST will need to condition the loops and the cross-connects in a way that would allow the OLEC to provision their services correctly. This type connection can be made for both SL1 and SL2 loops.

2. They will be terminated onto a multiplexing/concentrating device (e.g., TR008) and then the multiplexed/concentrated circuit would then be delivered to the OLEC's collocation space in a similar manner as listed in #1 above or the circuits would be delivered to BST's interoffice transport facilities for delivery to the OLEC. This type connection can only be made for SL2 loops.

[1] It is estimated that 20% of BST's loops are provisioned via IDLC.

3. They may be terminated onto a line port of BST's central office. In this scenario, the OLEC would also have to purchase Unbundled Circuit Switching (UCS) from BST. Therefore, the UVL would draw its dial-tone and other functionality from BST's switch.[2] This type connection can only be made for SL2 loops.

C. Forecast

1) Regional (interstate and intrastate)

See Attachment

2) State (interstate and intrastate)
3) Geo/wire center

D. Pricing Structure and Description

These offerings will all need to be flat-rated; geographically deaveraged into three zone prices based on density; and should be priced according to the Total Element Long Run Incremental Cost (TELRIC) parameters set forth by the FCC (if 96-325 becomes a final order).

1) NRC (non-recurring charge)

UVL-2W
-SL1
-SL2

UVL-4W
-SL1
-SL2

UVL-OC (order coordination charge on SL1 or where the OLEC specifies a particular conversion time)

UVL-TM (time and material charge for repair, etc. on SL1 and loop tagging onSL1 and SL2))

UVL-MO (manual order)

UVL-EI (engineering information)

[2] If an OLEC desires to connect a BST provided loop to a BST switch (UCS or UPS), the provision of such an arrangement will fall under rules applicable to resale of BST's retail services.

2) **Recurring Charge**

UVL-2W
-SL1
-SL2

UVL-4W
-SL1
-SL2

3) **Credit Terms (for failure to meet commitments)**

TBD

E. **Deployment Schedule**

BST will be required to offer this capability in all end offices. However, it is expected that OLECs will target their service offerings in the Tier 1 and Tier 2 metro areas.

F. **Distribution Channels**

Use Interconnection Services Sales channels -- 12 headcount shared among all UNE's.
Use ASR/LSR Process through LCSC (Local Customer Service Center) -- see Kathy Massey standard process flows templates - ICSC.
Common EDI Interface (under development).

G. **Product Codes, Sales Codes Requirements**

Unique sales codes for LCSC
Establish new product codes for UNE's

H. **Product Tracking Needs**

Unit Counter
- Per MOU for usage-based
- Per unit for non-usage based

Revenue and Expenses - ABIS
Accounted for by: Region/State/GEO/Wire Center/Customer (by ACNA)

I. **Tariff, Contract, or Other Agreement**

BST will negotiate in good faith with all requesting OLECs to determine the terms, conditions and pricing associated with this offering. It is expected that BST will offer this service via a contract arrangement until the market and regulatory dynamics are appropriate for a tariff filing.

Need one headcount for contract administration spread over all UNE's.

J. **Advertising and Promotion Plans and Requirements**

Development of common "fact sheet" type brochure $50k per year through 1999 spread to all UNEs.
InterNet WEB page -- $100k per year through 1999 spread to all UNEs.

K. Customer Training Considerations

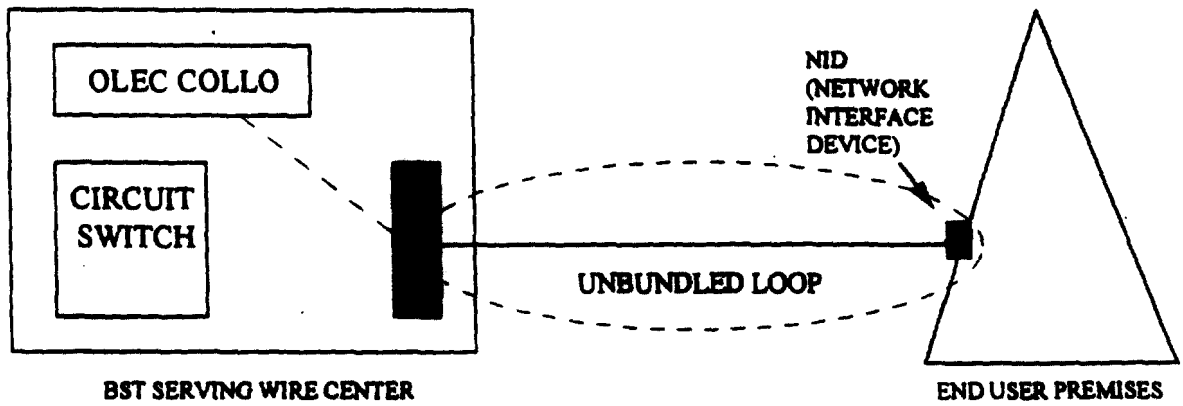
Customer Training: one person-year plus $20k materials per year through 1999
- Document-based training (not face to face)
- How to order
- Tech requirements/interface specifications
- Maintenance/repair
- General product overview - all UNE's
- Assume: man-hour loading - travel, PC equipped (misc.: office space, supplies)

L. Staff Support Requirements

II. Network Architecture

A. Physical Network Configuration

1) switching requirements
2) signaling
3) recording (AMA, etc.)
4) transport
5) Drawing of Network Elements



B. OSS (operational support systems) Requirements

UVL will ordered via an electronic interface

C. Software Requirements (AIN, queries, etc.)

III. Performance Standards and Reliability

A. General Description of Performance Standards and Reliability (parity, etc.)

BST will initially offer two optional service levels on UVLs:

Service Level One (SL1) will be a non-designed circuit and can only be provided with loop-start signalling. Upon request from the OLEC (via the ASR/LSR), BST will provide an Engineer Information (EI) document, similar to a Design Layout Record (DLR). The EI will be provided at an incremental charge.

SL1 will not offer any Mechanized Loop Test (MLT) type (switch-based) testing during the installation of the circuit. Additionally, BST will not provide any test access points (SMAS, etc.) on SL1 loops.

It is expected that the OLEC would test the circuit and if they isolate and identify a problem within the BST provided loop, they would report any repair issues to BST for resolution. At that point, BST will perform the tests and work required to put the loop into proper working condition. BST will bill the OLEC for the time and material required to verify the loops working status (if no repair problem on the loop actually existed).

Upon request from the OLEC (via the ASR/LSR), BST will perform order coordination activities associated with Remote Call Forwarding and/or disconnect orders. BST will notify the OLEC of the appropriate conversion time and will the perform the work within the negotiated interval. This activity will be provided at an incremental charge.If the OLEC requires a specific conversion time, BST will make every effort to accommodate the OLEC request. If the request can be accommodated, BST will bill the OLEC a non-recurring charge (EO135) associated with this activity. Overtime rates apply for work outside of 8:00 am to 5:00 p.m. local time.

SL1 loops can only be cross-connected to an OLEC that is collocated in the same serving wire center where the loop terminates to the MDF. Also, the collocator must have DS0 interface at their collocation arrangement.

If the OLEC's end user has existing service with BST that utilizes a voice quality loop, and wants to change local service providers, BST will attempt to reuse the end user's existing loop.

BST will not dispatch a technician during the installation process for the sole purpose of tagging the UVL. If the OLEC requires (via LSR/ASR) that the loop be tagged during installation, BST will bill the OLEC a time and materials (T&M) charge to recover the cost of this service. Otherwise, BST will tag the loop during its next dispatch to that customer's premisesto work on that specific loop.

These circuits will be ordered through the LCSC/ICSC. Maintenance and repair for these loops will provided by the Access Customer Advocacy Center (ACAC).

SL1 loops will be designed to offer 8.5 Db loss, etc.
{Need loop performance characteristics such as db loss, loop length, bridge tap, etc. - Eno/Thad, who can provided?}

Service Level Two (SL2) will be a designed circuit and BST will provide a Design Layout Record (DLR). SL2 will be similar to SL1 in that switch-based testing would not be provided by BST. However, BST does plan to provide test access points (SMAS, etc.) on its SL2 loops. Also, the recurring price for the loops with this option would include the costs associated with BellSouth's efforts (e.g., testing, BST technician dispatch, and coordination with OLEC switch personnel, etc.) to isolate, verify and/or repair the loop once a problem has been reported by the OLEC. These circuits will be provisioned with test points.

Order coordination will handled the same as SL1.

Loop tagging would be handled the same as SL1.

These circuits will be ordered through the LCSC/ICSC. Maintenance and repair for these loops will provided by the Access Customer Advocacy Center (ACAC).

SL2 loops can be provisioned as either loop-start or ground-start and will be designed to offer 8.5 Db loss, etc. {Need loop performance characteristics such as db loss, loop length, bridge tap, etc. - Eno/Thad, who can provided?}

Contract/State Specific Requirements:

Requirement	Customer/ State	Service Level
1. Comply with unbundled loop cutover coordination provisions: establishment (at least 48 hours in advance) of a cutover time for a 30 minute window; if BST fails to meet cutover window, reschedule and waive the NRC.	ACSI, MFS	SL2
2. BellSouth will establish and adhere to industry standard intervals for the delivery of FOCs, DLRs and facilities. Such interval need to ensure that facilities are provisioned in time frames and according to standards that meet or exceed those that BellSouth provides to itself for its own network and end users. Intervals should not exceed the Customer Designated Date (CDD).	ACSI	SL2
3. Service provided for in an ASR shall be installed within 14 business days of receipt of the ASR.	Media One, Time Warner, Brooks Fiber (TN, MS)	SL1 & SL2
4. The standard item expected from disconnection of a live Exchange Service to the connection of the unbundled element to the ACSI collocation arrangement is 5 minutes. If BellSouth causes an Exchange Service to be out of service due solely to its failure for more than 15 minutes, BellSouth will waive the non-recurring charge for that unbundled element.	ACSI	SL2

5. BellSouth shall develop a process to identify the carrier for each unbundled loop and establish automated intercompany referral and/or call hand-off processes.	ACSI	SL2
6. Within a reasonable time BellSouth will provide National Tel information concerning existing loop configurations upon the written request for such information by National Tel.	National Tel	SL1 & SL2

When metallic facilities are employed, signaling and supervision is dependent on the source voltage, and the total circuit resistance. The loop resistance (the sum of the resistance of both tip and ring) is less than 1500 ohms. The dc resistance between the tip conductor and ground and the ring conductor and the ground shall each be greater than 100 K ohms.

On the basic unbundled loop, BST does not support transmission at frequencies below 300 Hz, or above 3000 Hz.

BST does not guarantee that the basic unbundled loop will be suitable for analog data or facsimile transmission. If a customer is able to send and receive data, BST does not guarantee a data rate.

B. Diversity Requirements

No requirements for UNEs but some level of diversity will exist in BST network (embedded and forward looking)

C. Performance Monitoring

No specific requirement, however, network element will be monitored as part of BST network infrastructure.

D. Special Considerations (SIG, SAW, etc.)

- Assume no SIG applies for dedicated UNEs
- Assume no state-specific missed appointment credits (payments - currently FL. only)
- SAW does not apply
- Services outage credit may be the same as PL tariff
- Billing Guarantees do not apply - there will be CABS cost to exclude UNEs from current processes
- Blocking Performance reports - none

IV. OAM&P (ordering, administration, maintenance, and provisioning)

A. Intervals for Installation, Repair, etc.

Installation
- Where facilities are available, BST will install UVLs within a 5-7 business days interval.
- Expedite charges will apply for shorter intervals requested by the OLEC.

Repair
- TBD

B **Description of Centers Affected and Their Role(s)**

ICSC (usage billing only)
LCSC - Local Customer Service Center
AFIG - Assignment Facility Inventory Group
OSPE - (loop only)
CPG
CCM - Capacity Mgmt.
NISC
C.O. Operations
Field Work Groups
RRC, BRC, ACAC etc.

C. **Ordering Standards and Order Reception Standards**

- LCSC will receive and process orders.
- OLEC will utilize mechanized entry system where available.
- Entry system will accept only error free orders into our ordering systems.
- **If a mechanized order entry system is available and the OLEC sends a manual order, BST will bill the OLEC a charge associated with the additional cost that BST would incur with the manual process. This charge (UVL-MO) will be billed in addition to the normal NRC which assumes a mechanized process.**

If a customer chooses to subscribe to an OLEC for local service and would like to retain their present telephone number, two service orders must be issued. There would be a service order to disconnect their present local service utilizing the re-use FID (RRSO & RUF) if local loop is provided by BellSouth. The second order will be the add of the OLEC service utilizing the re-use FID (RRSO & RUF).

The two FIDs will allow LFACS to hold the disconnect local loop assignment intact for re-use on the OLEC add order.

D. **Repair Standards and Repair Order Reception Standards**
E. **Service Management**

F. **Billing and Special Arrangements**
1) **CABS vs CRIS**

SL1 - CRIS
SL2 - CABS

2) Release Requirements
3) Special Considerations

G. Internal Training Requirements
H. Staff Support Requirements
1) Initial roll-out
2) On-going requirements

Glossary

TBD

TSD – UNBUNDLED DIGITAL LOOPS (UDL)

I. Market Service Description

A. Basic Service Features

The UDL will be a dedicated digital transmission facility from BST's MDF to a customer's premises. This facility will allow the end user to send and receive traffic that utilize technologies such ISDN; Enhanced Electronic (EE) capabilities such as HDSL/ADSL; and high capacity services such as DS-1 when the loop is connected to the proper packet/circuit switch. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the loop to the customer's inside wire. The UDLs can be configured as 2-wire ISDN (2W/I); 2-wire Enhanced Electronics (2W/EE); 4-wire DS1 & ISDN (4W/DI) or 4-wire Enhanced Electronics (4W/EE) facilities. It should be noted that on the 2W/EE and 4W/EE that BST does not provide the Enhanced Electronics.

In addition to the 4W/DI listed above, BST will offer two other loops that would be used to provide packet switching services such as Frame Relay, etc.. These loops will be provisioned as a 4-wire DS0 level loop (4W/D0) and as a Fiber Optic DS3 level loop (FO/D3). The FO/D3 would include the electronics/fiber panels at the end office and the customer premises needed to provide individual DS3 circuits. These two circuits are available today as a DDAS loop and a Lightgate Local Channel loop.[3] BST should be able to use these existing loops for the packet services but might need to develop a different price for them when they are purchased as unbundled elements.

In cases where an existing BST end user's loop is provisioned via an Integrated Digital Loop Carrier (IDLC) system, BST will attempt to roll the circuit off of the IDLC onto an alternate facility such as parallel copper, a universal DLC, etc.. The cost of this rollover will be calculated into the price of the UVLs. It is estimated that this type of rollover will occur on 5% of the UDL orders. BST will notify the OLEC within 48 hours if no alternate facility exists If the OLEC still requires a UDL from BST, BST will utilize its existing Special Construction process to install the facilities needed to provide UDLs to the OLEC. It is estimated that this process will need to be utilized on 15% of the UDL orders.[4]

B. Basic Service Capabilities

It is expected that the UDLs will primarily be terminated (at the central office) in one of three ways:

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[3] DDAS can be found in Section E7.2.7 of the state access tariff. Lightgate loops can be found in E7.2.8.

[4] It is estimated that 20% of BST's loops are provisioned via IDLC.

1. They will be delivered to the OLEC at their collocation space via a cross-connect. This cross-connect element will be provisioned out of the Collocation offering. Once this connect is made, the OLEC will provide transport to take the circuit back to their switch to provide the dial-tone, etc., needed to provide the desired service to their end user. BST will need to condition the loops and the cross-connects in a way that would allow the OLEC to provision their services correctly.

2. They will be terminated onto a multiplexing/concentrating device (e.g., TR008, SONET multiplexer) and then the multiplexed/concentrated circuit would then be delivered to the OLEC's collocation space in a similar manner as listed in #1 above or the circuits would be delivered to BST's interoffice transport facilities for delivery to the OLEC.

3. They may be terminated onto a line port of BST's central office or packet switched network. In this scenario, the OLEC would also have to purchase, from BST, the Unbundled Packet Switching (UPS) or Unbundled Circuit Switching (UCS) along with the other functionality needed to provide the desired service to the end user. Therefore, the UDL would draw its functionality from BST's switch.[5]

2W/EE and 4W/EE circuits can only be provided according to method number one described above. The OLEC must be collocated in the same serving wire center where the loop terminates on the MDF. Also, due to the strict performance requirements and the associated assignment parameters for these loops, BST will need to utilize the Service Inquiry process to determine if the required facilities are available in a particular area.

C. **Forecast**

1) **Regional (interstate and intrastate)**

See attachment

2) **State (interstate and intrastate)**
3) **Geo/wire center**

D. **Pricing Structure and Description**

Each of these will need to be flat-rated; geographically deaveraged into three zone prices based on density; and should be priced according to the Total Element Long Run Incremental Cost (TELRIC) parameters set forth by the FCC (if 96-325 becomes a final order).

1) **NRC (non-recurring charge)**

UDL-2W/I and UDL-2W/EE
-SL1

[5] If an OLEC desires to connect a BST provided loop to a BST switch (UCS or UPS), the provision of such an arrangement will fall under rules applicable to resale of BST's retail services.

UDL-4W/DI and UDL-4W/EE
-SL1

UDL-4W/D0 and UDL-FO/D3
-SL1

UDL-TM (time and material charge for repair on SL1 and loop tagging on SL1 and SL2)
UDL-OC (order coordination charge where the OLEC specifies a particular conversion time)
UDL-MO (manual order)

2) **Recurring Charge**

UDL-2W/I and UDL-2W/EE
-SL1

UDL-4W/DI and UDL-4W/EE
-SL1

UDL-4W/D0 and UDL-FO/D3
-SL1

3) **Credit Terms (for failure to meet commitments)**

TBD

E. **Deployment Schedule**

BST will be required to offer this capability in all end offices. However, it is expected that OLECs will target their service offerings in the Tier 1 and Tier 2 metro areas.

F. **Distribution Channels**

Use Interconnection Services Sales channels – 12 headcount shared among all UNE's.
Use ASR/LSR Process through LCSC (Local Customer Service Center) – see Kathy Massey standard process flows templates - ICSC.
Common EDI Interface (under development).

G. **Product Codes, Sales Codes Requirements**

Unique sales codes for LCSC
Establish new product codes for UNE's

H. **Product Tracking Needs**

Unit Counter
- Per MOU for usage-based
- Per unit for non-usage based

Revenue and Expenses - ABIS
Accounted for by: Region/State/GEO/Wire Center/Customer (by ACNA)

I. Tariff, Contract, or Other Agreement

BST will negotiate in good faith with all requesting OLECs to determine the terms, conditions and pricing associated with this offering. It is expected that BST will offer this service via a contract arrangement until the market and regulatory dynamics are appropriate for a tariff filing.

Need one headcount for contract administration spread over all UNE's.

J. Advertising and Promotion Plans and Requirements

Development of common "fact sheet" type brochure $50k per year through 1999 spread to all UNEs.
InterNet WEB page -- $100k per year through 1999 spread to all UNEs.

K. Customer Training Considerations

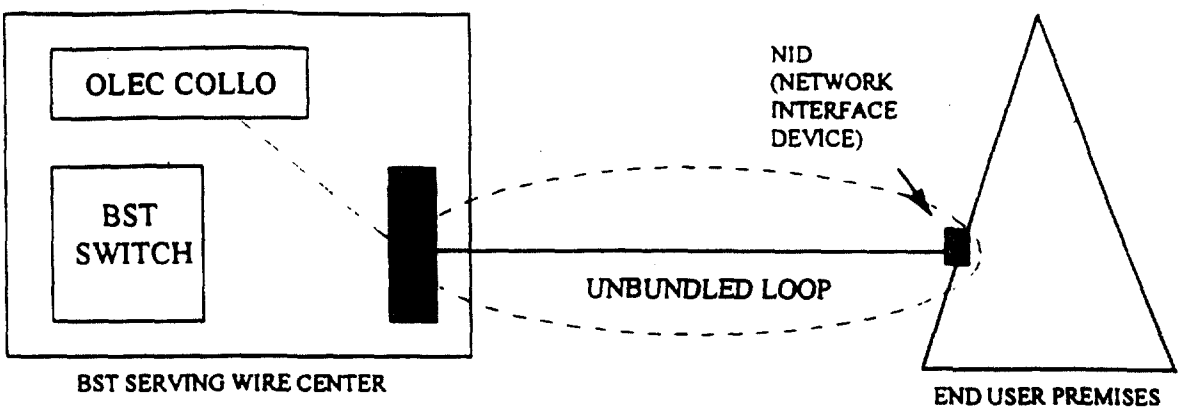
Customer Training: one person-year plus $20k materials per year through 1999
- Document-based training (not face to face)
- How to order
- Tech requirements/interface specifications
- Maintenance/repair
- General product overview - all UNE's
- Assume: man-hour loading - travel, PC equipped (misc.: office space, supplies)

L. Staff Support Requirements

II. Network Architecture

A. Physical Network Configuration

1) switching requirements
2) signaling
3) recording (AMA, etc.)
4) transport
5) Drawing of Network Elements



B. OSS (operational support systems) Requirements

UDL will ordered via an electronic interface

C. Software Requirements (AIN, queries, etc.)

III. Performance Standards and Reliability

A. General Description of Performance Standards and Reliability (parity, etc.)

BST will initially offer one service level on UDLs.

Service Level One (SL1) will be a designed circuit and BST will provide a Design Layout Record (DLR). BST will issue a Firm Order Confirmation ("FOC") and a DLR to the ordering party within 5 business days after receipt of the ASR, upon review of and in response to the ordering party's ASR, to begin the provisioning process.

SL1 will not offer any Mechanized Loop Test (MLT) type (switch-based) testing during the installation of the circuit. BST would only perform installation testing (other than switch-based) that is typically performed on the loop portion of BST's circuit/packet switched services. It is expected that the OLEC would test the circuit and if they isolate and identify a problem within the BST provided loop, they would report any repair issues to BST for resolution. At that point, BST will perform the tests and work required to put the loop into proper working condition. BST will bill the OLEC for the time and material required to verify the loops working status (if no repair problem on the loop actually existed). BST will perform order coordination activities associated with Remote Call Forwarding and/or disconnect orders. BST and the OLEC will mutually agree on the appropriate conversion time and BST will the perform the work within the negotiated interval. This activity will be included in the price of the loop. However, if the OLEC requires a specific conversion time, BST will make every effort to accommodate the OLEC request. If the request can be accommodated, BST will bill the OLEC a non-recurring charge (EO135) associated with this activity. Overtime rates apply for work outside of 8:00 am to 5:00 p.m. local time.

If the OLEC's end user has existing service with BST that utilizes a digital quality loop, and wants to change local service providers, BST will attempt to reuse the end user's existing loop.

If needed, BST will dispatch a technician during the installation process for the purpose of tagging the UDL.

These circuits will be ordered through the LSCS/ICSC. Maintenance and repair for these loops will provided by the Access Customer Advocacy Center (ACAC).

{Need loop performance characteristics such as db loss, loop length, bridge tap, etc. - Eno/Thad, who can provided?}

Contract/State Specific Requirements:

Requirement	Customer/ State	Service Level
1. Comply with unbundled loop cutover coordination provisions: establishment (at least 48 hours in advance) of a cutover time for a 30 minute window; if BST fails to meet cutover window, reschedule and waive the NRC.	ACSI, MFS	SL1
2. BellSouth will establish and adhere to industry standard intervals for the delivery of FOCs, DLRs and facilities. Such interval need to ensure that facilities are provisioned in time frames and according to standards that meet or exceed those that BellSouth provides to itself for its own network and end users. Intervals should not exceed the Customer Designated Date (CDD).	ACSI	SL1
3. Service provided for in an ASR shall be installed within 14 business days of receipt of the ASR.	Media One,Time Warner, Brooks Fiber (TN, MS)	SL1
4. The standard item expected from disconnection of a live Exchange Service to the connection of the unbundled element to the ACSI collocation arrangement is 5 minutes. If BellSouth causes an Exchange Service to be out of service due solely to its failure for more than 15 minutes, BellSouth will waive the non-recurring charge for that unbundled element.	ACSI	SL1
5. BellSouth shall develop a process to identify the carrier for each unbundled loop and establish automated intercompany referral and/or call hand-off processes.	ACSI	SL1
6. Within a reasonable time BellSouth will provide National Tel information concerning existing loop configurations upon the written request for such information by National Tel.	National Tel	SL1

Digital Loops may be provided via metallic facilities, DLC, or both. The insertion loss of th metallic facility, measured at 28 kHz between 135 ohm terminations, shall be less than 40 db.

For all digital loops (2.4 through 64 Kb/s) a Digital maintenance termination unit will be placed on the WORD and ordered via TIRKS/PICS.